

Product datasheet for **SC328890**

SLC22A8 (NM_001184732) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC22A8 (NM_001184732) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC22A8
Synonyms:	OAT3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001184732 edited
 ATGACCTTCTCGGAGATCCTGGACCGTGTGGGAAGCATGGGCCATTTCCAGTTCCTGCAT
 GTAGCCATACTGGGCCTCCCGATCCTCAACATGGCCAACCACAACCTGCTGCAGATCTTC
 ACAGCCGCCACCCCTGTCCACCACTGTCGCCCCGCCCAACATGCCTCCACAGGGCCTTG
 GTGCTCCCATGGGCCAAATGGGAAGCCTGAGAGGTGCCTCCGTTTTGTACATCCGCC
 AATGCCAGCCTGCCCAATGACACCCAGAGGGCCATGGAGCCATGCCTGGATGGCTGGGTC
 TACAACAGCACCAGGACTCCATTGTGACAGAGTGGGACTTGGTGTGCAACTCCAACAAA
 CTGAAGGAGATGGCCAGTCTATCTTCATGGCAGGTATACTGATTGGAGGGCTCGTGCTT
 GGAGACCTGTCTGACAGTGTGGCCGACGGCCATCCTGACCTGCAGCTACCTGCTGCTG
 GCAGCCAGCGGCTCCGGTGCAGCCTTCAGCCCCACCTTCCCATCTACATGGTCTTCCGC
 TTCCTGTGTGGCTTGGCATCTCAGGCATTACCCTGAGCACCGTCATCTTGAATGTGGAA
 TGGGTGCCTACCCGGATGCGGGCCATCATGTGACAGCACTCGGGTACTGCTACACCTTT
 GGCCAGTTCATTGCCCCGCTGGCCTACGCCATCCCCAGTGGCGTTGGCTGCAGTTA
 ACTGTGCCATTCCCTTCTCGTCTTCTCCTATCATCCTGGTGGACACCAGAGTCCATA
 CGCTGGTTGGTCTGTCTGAAAAGTCCCGAAGGCCCTGAAGATACTCCGGCGGGTGGCT
 GTCTTCAATGGCAAGAAGGAAGGGGAGAAAGGCTCAGCTTGGAGGAGCTCAAACCAAC
 CTGCAGAAGGAGATCTCCTTGGCCAAGGCCAAGTACACCGCAAGTGACCTGTTCCGGATA
 CCCATGCTGCGCCGATGACCTTCTGTCTTCCCTGGCCTGGTTTGTACCGGTTTTGCC
 TACTATAGTTTGGCTATGGGTGTGGAAGAATTTGGAGTCAACCTCTACATCCTCCAGATC
 ATCTTTGGTGGGTGCGATGTCCCAGCCAAGTTCATCACCATCCTCTCCTTAAGCTACCTG
 GGCCGGCATAACCACTCAGGCCGCTGCCCTGCTCCTGGCAGGAGGGGCCATCTTGGCTCTC
 ACCTTTGTGCCCTTGGACTTGCAGACCGTGAGGACAGTATTGGCTGTGTTGGGAAGGGA
 TGCTATCCAGCTCCTTCAGCTGCCTCTCCTCTACACAAGTGAATTATACCCACAGTC
 ATCAGGCAAAACAGGTATGGGCGTAAGTAACCTGTGGACCCGCTGGGAAGCATGGTGTCC
 CCGCTGGTGAAAATCACGGGTGAGGTACAGCCCTTCATCCCAATATCATCTACGGGATC
 ACCGCCCTCCTCGGGGGCAGTGCTGCCCTTCTCCTGCCTGAGACCCTGAATCAGCCCTTG
 CCAGAGACTATCGAAGACCTGGAAGAACTGGTCCCTGCGGGCAAAGAAGCCAAAGCAGGAG
 CCAGAGGTGAAAAGGCCTCCAGAGGATCCCTCTACAGCCTCACGGACCAGGCCTGGGC
 TCCAGCTGA

Restriction Sites: Please inquire

ACCN: NM_001184732

Insert Size: 1600 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001184732.1 , NP_001171661.1
RefSeq Size:	2176 bp
RefSeq ORF:	1629 bp
Locus ID:	9376
UniProt ID:	Q8TCC7
Cytogenetics:	11q12.3
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a protein involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (2) uses a different splice site in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein (isoform 1).</p>